

Historic, Archive Document

Do not assume content reflects current scientific knowledge, policies, or practices.

APR 18 1941

No. 17

A22I09

1,942

UNITED STATES DEPARTMENT OF AGRICULTURE
Agricultural Marketing Service

cooperating with

IOWA DEPARTMENT OF AGRICULTURE
Division of Agricultural Statistics

assisted by

Iowa State College Extension Service

* * * * *

IOWA AGRICULTURAL STATISTICS

EMMET COUNTY



* * *

County Statistical Bulletin

No. 17

*

Office of the Agricultural Statistician
305 United States Court House
Des Moines, Iowa

IOWA CROP AND LIVESTOCK REPORTING SERVICE
Division of Agricultural Statistics
Leslie M. Carl, Director

* * * * *

IOWA DEPARTMENT OF AGRICULTURE
Mark G. Thornburg, Secretary

* * * * *

THE WORKS PROJECTS ADMINISTRATION
George J. Keller, State Administrator

* * * * *

IOWA STATE COLLEGE EXTENSION SERVICE
R. K. Bliss, Director

AGRICULTURAL STATISTICS - EMMET COUNTY

County Statistical Bulletin No. 17

<u>TABLE NO.</u>	<u>LIST OF TABLES</u>	<u>PAGE NO.</u>
1.	Land Utilization and Yields, County Summary.....	7
2.	Acreage and Yields of Hay, County Summary.....	8
3.	Land Utilization and Yields, Armstrong Township.....	9
4.	Land Utilization and Yields, Center Township.....	10
5.	Land Utilization and Yields, Denmark Township.....	11
6.	Land Utilization and Yields, Ellsworth Township.....	12
7.	Land Utilization and Yields, Emmet Township.....	13
8.	Land Utilization and Yields, Estherville Township.....	14
9.	Land Utilization and Yields, High Lake Township.....	15
10.	Land Utilization and Yields, Iowa Lake Township.....	16
11.	Land Utilization and Yields, Jack Creek Township.....	17
12.	Land Utilization and Yields, Lincoln Township.....	18
13.	Land Utilization and Yields, Swan Lake Township.....	19
14.	Land Utilization and Yields, Twelve Mile Lake Township...	20
15.	Land Utilization and Yields, Incorporated Towns.....	21
16.	County Livestock Numbers.....	22
17.	Livestock Numbers by Township.....	23
18.	Creamery Statistics.....	24
19.	Chickens and Eggs.....	25
20.	Number of Farms Reporting Specified Items.....	26
21.	Farm and Land Tenure.....	27
22.	Years of Tenure.....	28
23.	Frequency Distribution of Farms by Size Classes.....	29
24.	Autos, Trucks, Tractors and Radios.....	30
25.	Acreage Owned by Corporations, 1937.....	31
26.	Acreage Owned by Corporations, 1939.....	32
27.	Value of Farm Land and Buildings.....	33
28.	Real Property and Moneys and Credits Taxes Collectible in 1939, for all purposes.....	34
29.	Number of Schools by Type.....	35
30.	Enrollment in Schools by Type.....	35
31.	Miles of Roads by Type.....	36

FOREWORD

The Iowa Crop and Livestock Reporting Service is the Iowa unit of a nation-wide organization which is entrusted with the responsibility of operating a standard statistical service for agriculture. The Division of Agricultural Statistics is a division of the Iowa State Department of Agriculture working in cooperation with the Agricultural Marketing Service of the United States Department of Agriculture. The year 1939 marked the one-hundredth anniversary of the collection of statistics of agriculture in the United States.

The general program of the Iowa Crop and Livestock Reporting Service is to meet the public needs and demands for summary data of an historical nature and for current statistical information of agricultural production in Iowa and the United States.

In recent years, there has been an increasing demand from agricultural organizations, commercial interests, teachers, legislators, and county, state and governmental agencies for agricultural data showing the trends of change in counties. Little has been done in the past to make available data for each county over an extended period of time. So urgent is the need for county data that some organizations have assembled such information at considerable cost. It is in response to these needs that this series is being issued.

The county data herein offered have been assembled from existing State and Federal documents and reports, under the supervision of Norman V. Strand, State-wide Work Projects Administration Supervisor of Agricultural Economics and Statistics projects. This is a report of work completed on Official Project 65-1-72-155 of the Work Projects Administration. Official Project 665-72-3-36 furnished the material for Tables 21 and 23.

The Iowa Agricultural Extension Service participated in the preparation of the materials in this report. Selected data from the files of the Iowa Agricultural Experiment Station have been released for publication in this series. Special credit is given to the Iowa assessors and tax officials who collect data on crops and livestock as required under the Iowa laws. Without these data by townships and counties detailed agricultural statistics would be less accurate and less complete.

Leslie M. Carl, Director
Division of Agricultural Statistics

Des Moines, Iowa
November, 1940

IOWA AGRICULTURAL STATISTICS - EMMET COUNTY

Emmet County, originally included in old Fayette County, was established by an act of the Iowa Legislature on January 15, 1851 1/, and named for Robert Emmet, an Irish patriot. In 1856, George and William Granger, R. E. and A. H. Ridley, Henry and Adolphus Jenkins, Jesse Coverdale, and D. W. Hoyt made claims in the vicinity of a beautiful grove where Estherville now stands. After the Spirit Lake Massacre in Dickinson County in 1857, a stockade was built near the West Fork Des Moines River to protect the settlers from the Indians; this became Fort Defiance the memory of which is perpetuated by a state park bearing the same name. In 1858 a town was laid out by Adolphus Jenkins, R. E. Ridley and Jesse Coverdale and named Estherville in honor of Esther Ridley, wife of R. E. Ridley. She was the only woman in the settlement during the first winter of its existence.

The county was formally organized in 1859 by the election of its officers, and the commission appointed to select the county-seat chose Estherville. 2/ On June 8, 1882, the Burlington, Cedar Rapids, and Northern Railroad was completed to Estherville. It is now known as the Cedar Rapids and Sioux Falls division of the Rock Island System. 3/

The east branch of the Des Moines River rises in Tuttle Lake, on the border between Emmet County and Minnesota. Okamanpedan (an Indian word meaning nesting place of herons) State Park is on the southern shore of Tuttle Lake.

The county attracted the attention of the scientific world on May 10, 1879, because of a huge meteor that fell two miles north of Estherville. This spot has been the scene of many scientific investigations since that time. 4/

Area

Emmet County measures about 17 by 24 miles in area, embracing 393 square miles or 251,520 acres. Of this number, 245,846 acres are listed as farm land. 5/ There are 12 townships, eight of which are six miles square; the northern four townships, bordering on Minnesota, are five by six miles in extent. It ranks seventieth in the State in point of size. 6/

Soils

The soils of Emmet County are grouped into three classes according to their origin and location; namely, drift, terrace, and swamp and bottom-land. The drift soils cover 89.1 percent of the county and are divided into Clarion loams--70.2 percent, Webster loams--18.7 percent, Pierce fine sandy loam--0.1 percent, and gravel pits--0.1 percent. The terrace soils cover 3.0 percent of the area and are divided into Sioux loams--2.0 percent, O'Neill loams--0.7 percent, O'Neill

1/ Third Iowa General Assembly - 1851.

2/ Gue, B. F., History of Iowa. Vol. III, pp. 343-344. The Century History Co., New York City. 1903.

3/ History of Emmet and Dickinson Counties. p. 128. The pioneer Publishing Co., Chicago, Ill. 1917.

4/ Iowa, A Guide to the Hawkeye State. Compiled and written by the Federal Writers' Project of the Works Progress Administration for the State of Iowa. pp. 438-440. The Viking Press, New York City. 1938.

5/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. 1, pp. 362-363.

6/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 12.

loamy fine sand--0.1 percent, and Waukesha loam--0.2 percent. The swamp and bottom-land soils cover 7.9 percent of the surface and are divided into muck--3.6 percent, Lamoure silty clay loam--2.4 percent, peat--1.3 percent, Wabash silty clay loam--0.2 percent, and meadow--0.4 percent. 7/

Topography

Emmet County is, for the most part, gently undulating to rolling. On the high uplands the land is nearly level, while in the vicinity of the streams it becomes gently rolling to broken. East of the West Fork Des Moines River the terrain is an undulating plain, nearly level in the central part, but rolling in the southern and eastern parts. West of the river the upland has a much rougher topography and the general level is from 100 to 150 feet higher. The largest areas of level land occur southwest of Gruver, southeast of Huntington, and west of Ringsted.

The drainage of the county is accomplished by the West Fork Des Moines River which enters the county in the northwest corner and flows in a general southeasterly direction. Its largest tributary is Brown Creek which empties into the river a short distance south of Estherville. The East Fork Des Moines River rises in Tuttle Lake and flows in a southeasterly direction, leaving the county about four miles south of Armstrong. Soldier Creek, its main tributary, drains the central northeastern part and Jack Creek drains the southern part of the county. There are several lakes located in various parts of the country. 8/

Climate

The average temperature for 39 years (1891-1930) was 46.2 degrees. The average precipitation for 37 years (1893-1930) in this county was 27.74 inches, and the growing season averaged 144 days between the killing frost dates of May 9 and September 8, recorded from 1894 to 1930. 9/

Population

Unfriendly Indians delayed the settlement of this county until the soldiers dispersed them and they were transferred from the state. Then, with the coming of the railroad, the region began to prosper and settlers came steadily with little or no recession. In 1930 there were 12,856 inhabitants in the county. The following table shows the number of inhabitants recorded at 10-year intervals:

-
- 7/ Iowa Agricultural Experiment Station. Soil Survey of Iowa, Emmet County. Soil Survey Report No. 36: 12-13. 1924.
- 8/ Ibid. 9-10.
- 9/ United States Weather Bureau. Climatic Summary of the United States from the establishment of stations to 1930, inclusive. Section 51--Central Iowa, pp. 11, 18, 19. 1933.

<u>Year</u>	<u>Inhabitants</u>	<u>Urban</u>	<u>Rural</u>
1860	105	-	-
1870	1,392	-	-
1880	1,550	-	-
1890	4,274	-	-
1900	9,936	4,144	5,792
1910	9,816	4,410	4,406
1920	12,627 <u>10/</u>	8,202 <u>11/</u>	4,425
1930	12,856 <u>12/</u>	6,702	6,154
1935	-	-	5,869 <u>13/</u>

In 1930 the foreign born and native white inhabitants of foreign born or mixed parentage totaled 4,965, or 39 percent of the whole population. The Norwegians had 1,596 of this number, the Danes had 1,070, and the Germans had 1,051. The English and the Irish had about 200 each. 14/

Cooperatives

In 1937 there were 10 cooperative institutions in operation in this County-- 3 elevators, 5 creameries, 1 live stock enterprise, and 1 petroleum plant.

As a whole, they had 1,589 members, of which 1,404 were active, and 2,414 persons did business with the 10 concerns. The selling cooperatives had a business volume of \$1,172,014 and the purchasing cooperatives transacted \$145,693 worth of business.

Cooperatives may both buy and sell or they may perform one or the other function exclusively. Purchasing cooperatives buy non-farm commodities for distribution to their members and patrons, and selling cooperatives market farm commodities for their members and patrons. 15/

Fruit

There were 15,615 apple trees bearing 14,541 bushels listed in 1909, the peak year. There were 4,346 plum trees in 1909 and 563 bushels in 1894. These were the years of greatest numbers and greatest production, respectively. The record year for cherries and grapes was 1909. In that year, 906 cherry trees yielded 41 bushels, and 879 grape vines bore 1,748 pounds of grapes. 16/

10/ Census of Iowa. 1925. pp. 710-711. 1926.

11/ Ibid. p. 925 et seq.

12/ Iowa Official Register, 1937-1938. Thirty-seventh Number. p. 368 et seq.

13/ United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa. p. 14.

14/ United States Bureau of the Census. Fifteenth Census of the United States: 1930. Populations. Vol. III, Part 1, Tables 18-19, pp. 785-788.

15/ Unpublished data from: Omaha Farm Credit Administration and Iowa State College.

16/ Source: 1. Census of Iowa. 1875, 1885, 1895.

2. United States Bureau of the Census. Thirteenth Census of the United States: 1910. Agriculture: Iowa. Bulletin.

3. United States Bureau of the Census. United States Census of Agriculture: 1935. Iowa Statistics by Counties, Second Series. 1936.

Note Regarding Yields of Corn

The crop assessors' statistical breakdown for corn acreage is as follows: (1) all corn, (2) corn husked for grain, (3) corn cut for silage, (4) corn cut for fodder and (5) corn hogged off. A total production is given for each farm which includes only that actually husked. In getting county totals of production, the acreage other than that husked is multiplied by the yield (derived by dividing total bushels corn husked by total acres husked) and added to summations of individual farm productions shown as husked. This assumes that acreage not husked would have produced the same yield as that actually husked.

In 1934 and 1936, both poor crop years, separate estimations of corn yield on acreage not husked were made by the State assessors' office because it was felt that farmers in those years would select their best acreage for husking and cut or hog off the rest, which would have a different and lower yield. This separate yield estimation was then multiplied by the acreage not husked and the total added to that reported as husked.

This was done by counties only and not by townships. The township yields for these two years, then, are somewhat high since they are based only on acreage husked for grain and bushels husked. The total corn acreage is shown by township with this yield, and any attempt to multiply it by the acreage shown to get total production will result in a too high figure. The county summary table figures for corn yield in 1934 and 1936 have been adjusted for poorer yields on that acreage not husked and these yields may legitimately be multiplied by the acreages shown there to arrive at total productions for the county.

In all other years actual township productions may be derived from the yield and acreage figures shown in the tables since corn yield has been assumed to be equal in all utilizations. The county yield and township yields are, therefore, consistent in all years except 1934 and 1936.

TABLE 1
LAND UTILIZATION AND YIELDS, 1929-1938
County Summary

7

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	1239	244819	198	89261	37	60694	39	960	11	14638	33
1930	1275	245446	193	90611	28	64362	38	1205	14	10031	30
1931	1264	245396	194	95100	34	61917	35	1679	10	10497	30
1932	1227	245651	200	93273	37	60754	31	1071	9	11856	18
1933	1232	248592	202	97187	47	67291	20	1814	4	11152	14
1934	1281	248052	194	75186	37	65350	21	452	4	7343	17
1935	1238	245124	193	82155	43	69823	41	278	13	11815	28
1936	1270	244561	193	89831	24	63614	32	455	11	6089	20
1937	1243	246080	198	91274	47	65402	48	190	13	4187	34
1938	1254	247562	197	81729	48	65501	37	257	12	4446	27
10 Yr. Ave.	1255	246128	196	88561	38	64471	34	836	9	9205	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	1849	20	39	12	-	76	89	4140	10411
1930	2501	18	35	11	20	40	-	5019	11343
1931	1989	14	44	16	6	-	168	5528	9262
1932	1360	9	62	17	3	54	74	6238	10263
1933	813	11	52	15	-	42	58	6104	10574
1934	558	10	178	12	50	30	32	6242	15128
1935	729	16	217	14	17	86	165	7252	11236
1936	560	15	156	14	4	58	129	8346	12010
1937	618	18	675	16	29	-	323	10035	13675
1938	353	19	1190	20	16	103	276	9635	15018
10 Yr. Ave.	1133	15	265	17	14	49	131	6854	11892

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Buildings, Feedlots, Highways Acres	Woodlots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	2888	46453	969	13079	496	2823	170
1930	2007	46599	1050	11832	1139	2670	41
1931	1647	46132	935	12321	1047	2461	191
1932	1550	42968	1574	12811	1176	2504	4352
1933	1450	40470	1260	12153	880	3022	416
1934	1879	47234	3760	12979	632	3233	14058
1935	1585	47193	3430	12862	201	2757	661
1936	1392	46780	1934	12867	282	2297	6161
1937	1185	46204	2272	13091	284	2696	3975
1938	1135	48237	2872	13490	328	3067	9647
10 Yr. Ave.	1672	45827	2006	12748	646	2753	3967

10 Year Average Acres: Winter Wheat 314 ; Spring Wheat 103 ; Popcorn 16 .
(Acreages also shown in "All Other Crops")

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

*Included in "All Tame Hay."

TABLE 2
ACREAGE AND YIELDS OF HAY
County Summary

Year	Mixed Clover & Timothy		Alfalfa		Wild Hay		All Tame Hay	
	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre	Acres	Tons per Acre
1929	2,814	1.56	4,140	2.71	2,888	.93	10,411	1.95
1930	3,535	1.26	5,019	2.22	2,007	.85	11,343	1.64
1931	1,112	1.17	5,528	1.65	1,647	.86	9,262	1.41
1932	1,551	.92	6,238	2.55	1,550	.84	10,263	2.03
1933	2,697	1.10	6,104	2.17	1,450	.86	10,574	1.73
1934	1,597	.73	6,242	1.53	1,879	.53	15,128	1.56
1935	1,544	1.70	7,252	2.64	1,585	.77	11,236	2.24
1936	1,940	1.10	8,346	1.90	1,392	.80	12,010	1.65
1937	2,144	1.53	10,035	2.20	1,185	1.10	13,675	2.04
1938	2,367	1.66	9,635	2.10	1,135	.80	15,018	1.87
10 Yr. Ave.	2,130	1.30	6,854	2.15	1,672	.83	11,892	1.81

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 3
LAND UTILIZATION AND YIELDS

Armstrong Grove Twp.

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	106	21390	202	8263	36	5639	37	30	12	1105	34
1930	111	22073	204	8437	25	6598	36	83	13	726	29
1931	109	21393	201	8857	28	6204	30	83	9	489	28
1932	112	22267	199	8307	35	6406	30	71	8	567	21
1933	116	22757	196	9296	45	6363	18	94	3	561	12
1934	121	22462	186	7066	34	6838	19	4	9	286	15
1935	129	22733	177	8041	43	7373	43	20	10	555	32
1936	131	22193	169	8220	21	6413	32	-	-	315	21
1937	132	22382	170	8507	45	6596	47	22	8	219	37
1938	130	22533	173	7585	46	6740	40	46	12	85	32
10 Yr. Ave.	120	22333	187	8308	36	6572	33	45	9	491	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	54	16	-	-	-	-	-	236	819
1930	177	15	-	-	20	40	-	290	991
1931	110	14	-	-	-	-	-	303	663
1932	51	10	-	-	-	-	20	375	759
1933	34	6	3	9	-	-	58	367	792
1934	15	5	46	11	50	-	13	449	1422
1935	2	20	34	14	-	15	-	528	1001
1936	41	25	-	-	-	-	-	591	1168
1937	63	19	48	8	-	-	15	688	1160
1938	40	24	63	21	-	13	-	731	1217
10 Yr. Ave.	59	15	20	14	7	7	11	456	1000

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	223	3041	27	1090	-	45	104
1930	78	4281	51	1197	-	29	5
1931	22	4031	196	1188	-	45	-
1932	70	3613	80	1252	-	44	527
1933	59	3565	58	1179	-	155	35
1934	88	4103	118	1202	23	30	1158
1935	54	4178	199	1177	-	126	23
1936	55	4181	122	1151	13	118	396
1937	30	4094	119	1170	10	166	163
1938	55	4337	263	1236	26	182	658
10 Yr. Ave.	73	4032	123	1184	7	94	307

10 Yr. Ave. Acres - Winter Wheat 32

Spring Wheat 3 Popcorn 1

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 4
LAND UTILIZATION AND YIELDS

Center Township

Center Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	108	22267	206	8640	40	5848	40	316	13	1387	38
1930	107	23232	217	9079	32	5876	40	349	17	1112	32
1931	103	22137	215	8830	39	5464	39	664	11	1050	32
1932	112	22655	202	9080	31	4701	28	317	9	1124	16
1933	112	23123	206	9625	54	6498	25	182	7	1106	20
1934	120	23151	193	7358	45	6059	26	52	3	1100	22
1935	118	23076	196	8226	46	6451	44	14	21	1512	29
1936	117	22678	194	8520	29	6147	34	49	11	803	20
1937	116	22616	195	8498	50	6327	48	18	17	542	33
1938	117	22696	194	7695	50	6349	37	36	12	523	27
10 Yr. Ave.	113	22763	201	8555	42	5972	36	200	12	1029	27

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	25	16	-	-	-	10	9	337	991
1930	76	14	15	9	-	-	-	543	998
1931	-	-	-	-	6	-	8	559	829
1932	30	10	10	20	-	-	7	689	964
1933	6	8	17	16	-	-	-	632	1027
1934	15	12	45	11	-	-	-	511	975
1935	30	18	14	20	-	-	15	724	1284
1936	-	-	29	10	-	14	1	718	1095
1937	8	14	80	11	-	-	89	882	1314
1938	5	27	72	22	-	-	17	836	1448
10 Yr. Ave.	24	15	28	15	1	2	15	648	1092

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber Only Acres	Waste- land Acres	Idle Crop Land Acres
1929	47	3716	115	1171	-	2	-
1930	3	4377	79	1220	-	48	-
1931	-	3992	56	1238	-	-	-
1932	51	3243	207	1257	90	76	1498
1933	53	2857	133	1220	60	339	-
1934	17	3350	172	1261	23	518	2206
1935	81	3786	123	1220	26	199	15
1936	45	3359	227	1393	64	99	847
1937	40	3281	390	1424	-	109	496
1938	29	3801	394	1436	-	171	720
10 Yr. Ave.	37	3576	190	1284	26	156	578

10 Yr. Ave. Acres - Spring Wheat 9

Popcorn .1 Winter Wheat 19

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 5
LAND UTILIZATION AND YIELDS

Denmark Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	120	21622	180	9151	42	5836	44	-	-	1137	35
1930	125	21436	171	9014	34	6137	43	27	12	687	31
1931	121	21679	179	9623	35	5836	39	25	8	548	31
1932	119	21122	177	9356	39	5560	29	-	-	448	14
1933	120	21470	179	9404	51	6471	20	61	4	336	12
1934	122	21562	177	7684	40	5958	21	-	-	77	17
1935	122	21605	177	8114	44	6734	45	-	-	639	33
1936	127	21375	172	8990	21	5479	36	-	-	333	22
1937	119	21623	182	8994	48	5425	56	-	-	127	33
1938	120	21440	179	7789	57	5858	39	14	20	315	35
10 Yr. Ave	122	21543	177	8812	41	5929	37	13	18	465	29

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy	Red & Als. Clo.	Sweet	Alfalfa	All Tame
					Acres	Acres*	Clover Acres	Acres*	Hay Acres
1929	120	21	20	16	-	-	10	463	1073
1930	132	18	14	14	-	-	-	547	1125
1931	222	12	12	15	-	-	-	638	966
1932	23	4	22	16	-	-	-	829	1137
1933	-	-	10	15	-	-	-	782	1247
1934	75	4	15	17	-	-	-	762	1727
1935	32	16	43	16	-	-	70	902	1378
1936	120	12	12	17	-	-	-	1063	1312
1937	62	20	43	21	-	-	-	1372	1676
1938	17	20	117	21	-	-	-	1261	1680
10 Yr. Ave	80	14	31	18	-	-	8	862	1332

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	26	2751	43	1278	-	177	-
1930	24	2932	37	1193	-	101	13
1931	15	3000	46	1218	-	168	-
1932	17	2774	39	1198	-	137	411
1933	17	2500	53	1191	-	167	13
1934	13	2562	168	1266	-	154	1863
1935	8	2923	257	1210	-	136	61
1936	16	3032	98	1236	-	243	904
1937	3	3150	31	1258	-	208	646
1938	7	2893	198	1275	13	250	1014
10 Yr. Ave	15	2857	97	1237	1	174	492

10 Yr. Ave. Acres- Spring Wheat 4

*Included in "All Tame Hay".

Popcorn 0 Winter Wheat 0

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops")

Division of Agricultural Statistics.

TABLE 6
LAND UTILIZATION AND YIELDS

Ellsworth Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	90	18316	204	7071	38	5147	33	86	16	1297	30
1930	97	18403	190	7420	34	5165	39	107	14	933	32
1931	92	18523	201	7692	38	5191	37	184	12	756	33
1932	90	18400	204	7259	45	5464	37	151	11	706	24
1933	90	18470	205	7912	45	5737	24	164	7	771	18
1934	94	18488	197	5897	37	5617	22	110	4	472	20
1935	90	18330	204	6916	42	5804	41	45	13	705	26
1936	91	18357	202	7283	32	5783	35	52	11	321	25
1937	91	18113	199	7388	50	5666	47	-	-	220	37
1938	91	18372	202	6827	45	5709	39	45	9	153	24
10 Yr. Ave.	92	18377	201	7166	41	5528	36	94	10	633	27

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	158	18	-	-	-	-	-	286	800
1930	190	21	-	-	-	-	-	389	932
1931	50	27	-	-	-	-	150	432	841
1932	45	14	-	-	-	-	-	456	772
1933	25	17	3	12	-	-	-	409	629
1934	35	1	21	11	-	-	-	357	884
1935	56	14	-	-	-	-	17	446	740
1936	-	-	-	-	-	-	10	457	731
1937	5	14	41	18	-	-	22	537	867
1938	6	20	99	16	-	-	56	517	898
10 Yr. Ave.	57	18	16	16	-	-	26	429	809

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber Only Acres	Waste- land Acres	Idle Crop Land Acres
1929	48	2506	58	1029	-	116	-
1930	13	2435	193	984	-	31	-
1931	11	2540	64	971	10	63	-
1932	22	2721	255	933	-	72	-
1933	16	2174	72	931	2	34	-
1934	388	2737	459	1034	-	142	692
1935	24	2617	203	949	3	159	92
1936	14	2993	19	920	-	34	197
1937	14	2754	65	902	2	102	65
1938	5	3022	64	931	-	176	381
10 Yr. Ave.	56	2650	145	958	2	93	143

10 Yr. Ave. Acres - Spring Wheat 20

*Included in "All Tame Hay."

Popcorn 1 Winter Wheat 53

Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops.")

Division of Agricultural Statistics.

TABLE 7
LAND UTILIZATION AND YIELDS

Emmet Township											
Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	88	17637	200	5357	38	3755	36	151	9	937	34
1930	87	17339	199	5173	30	3707	38	199	13	868	31
1931	85	17289	203	5124	34	3496	34	277	10	1013	30
1932	80	18326	229	5236	41	3437	32	257	8	1220	21
1933	80	18245	228	5589	48	3605	20	357	5	1127	12
1934	77	18140	236	4221	38	3727	20	89	3	748	15
1935	77	18270	237	4707	39	4007	33	83	10	972	29
1936	76	18251	240	5142	26	3561	26	42	8	712	18
1937	74	18242	247	4968	51	3614	46	35	12	577	33
1938	80	18109	226	4778	44	3696	40	37	11	606	27
10 Yr. Ave.	80	17985	224	5028	39	3660	33	153	8	878	25
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	269	19	-	-	-	-	50	282	598		
1930	238	25	-	-	-	-	-	335	628		
1931	285	15	-	-	-	-	-	360	570		
1932	267	10	-	-	-	34	-	408	757		
1933	85	15	-	-	-	42	-	476	791		
1934	56	9	-	-	-	30	-	455	1162		
1935	45	22	-	-	-	51	-	588	825		
1936	65	12	-	-	-	14	15	647	950		
1937	233	15	62	16	-	-	43	684	975		
1938	130	18	48	21	7	36	120	622	1086		
10 Yr. Ave.	167	16	11	18	1	21	23	486	834		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	428	4910	21	851	170	157	3				
1930	315	4647	19	876	408	266	-				
1931	285	4730	16	965	318	210	-				
1932	265	5266	180	898	178	215	150				
1933	256	5258	84	818	26	240	9				
1934	256	5738	81	899	25	148	990				
1935	237	6007	321	888	8	140	30				
1936	271	5939	209	858	-	158	329				
1937	282	5971	283	880	30	193	96				
1938	249	5498	229	907	60	188	470				
10 Yr. Ave.	284	5396	144	884	122	192	208				

10 Yr. Ave. Acres - Winter Wheat 27

Spring Wheat 7 Popcorn 4

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 8
LAND UTILIZATION AND YIELDS

Estherville Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	130	19420	149	6510	33	4084	38	114	10	1270	31
1930	132	19948	151	6612	26	4677	40	117	11	687	32
1931	129	19935	155	6986	35	4793	40	77	10	1065	33
1932	126	19962	158	7047	33	4330	31	48	9	815	17
1933	120	19950	166	7160	41	4661	17	37	2	1099	12
1934	125	19850	159	5803	30	4389	18	7	.4	739	13
1935	119	18572	156	5624	36	4673	33	37	14	1070	25
1936	118	18243	155	6272	22	4421	25	102	11	433	16
1937	115	18033	157	6357	43	4525	44	29	11	241	34
1938	114	18482	162	5620	40	4594	34	-	-	286	30
10 Yr. Ave.	123	19240	157	6399	34	4515	32	57	10	770	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	37	15	-	-	-	-	20	538	922
1930	151	21	-	-	-	-	-	712	921
1931	118	14	-	-	-	-	-	644	775
1932	134	10	-	-	-	-	-	823	1108
1933	62	6	-	-	-	-	-	855	1079
1934	20	20	-	-	-	-	-	994	1606
1935	25	20	-	-	-	-	-	822	986
1936	-	-	-	-	-	-	-	921	1094
1937	4	20	-	-	8	-	-	909	1090
1938	5	14	10	22	-	-	-	872	1201
10 Yr. Ave.	56	15	1	2	1	0	2	809	1078

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	227	5148	65	887	91	23	22
1930	221	5283	148	1093	18	20	-
1931	142	4750	141	1083	-	5	-
1932	62	4321	96	1085	299	123	494
1933	114	4145	149	1096	235	93	20
1934	63	5639	123	1018	65	28	350
1935	177	4827	158	943	10	31	11
1936	59	4673	245	899	-	30	15
1937	48	4701	46	897	-	87	-
1938	82	4759	89	863	-	155	818
10 Yr. Ave.	120	4825	126	986	72	60	173

10 Yr. Ave. Acres - Winter Wheat 52

*Included in "All Tame Hay".

Popcorn 4 Spring Wheat 30 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 9
LAND UTILIZATION AND YIELDS

High Lake Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	109	19640	180	6267	36	4127	38	84	5	840	34
1930	115	20635	179	6449	21	4448	33	16	11	814	29
1931	122	20752	170	7083	27	4308	26	35	11	636	23
1932	116	20712	179	6685	31	4511	28	26	10	1137	12
1933	113	21286	188	7523	45	4674	18	24	5	839	14
1934	124	21248	171	5403	38	4278	23	13	5	678	18
1935	114	20416	179	6116	42	4484	38	-	-	1060	29
1936	115	20349	177	6939	26	4354	30	-	-	393	25
1937	115	21146	184	6994	45	4771	47	20	15	444	34
1938	115	21266	185	6634	44	4737	36	-	-	488	26
10 Yr. Ave.	116	20745	179	6609	36	4469	32	22	8	733	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	107	22	-	-	-	-	-	571	965
1930	265	20	-	-	-	-	-	546	961
1931	373	14	-	-	-	-	-	601	825
1932	134	9	10	20	-	-	-	604	848
1933	94	8	-	-	-	-	-	607	975
1934	12	20	34	14	-	-	-	504	1019
1935	87	11	40	14	-	-	-	603	910
1936	-	-	11	12	-	-	-	707	973
1937	-	-	7	5	-	-	-	952	1313
1938	10	20	7	14	-	-	-	916	1353
10 Yr. Ave.	108	15	11	14	-	-	-	661	1014

Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Timber only	Waste-land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	379	4748	63	1070	80	910	-
1930	412	4483	26	1106	460	1195	-
1931	413	4457	53	1121	509	928	11
1932	307	4179	74	1202	447	1152	-
1933	316	4075	138	1123	348	992	165
1934	338	5339	398	1160	334	1031	1211
1935	282	4947	404	1151	20	885	30
1936	344	4631	17	1214	55	873	545
1937	194	4854	162	1235	81	807	264
1938	240	4946	102	1197	74	1088	390
10 Yr. Ave.	322	4666	144	1158	241	986	262

10 Yr. Ave. Acres - Spring Wheat 8

Popcorn .5 Winter Wheat 53

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 10
LAND UTILIZATION AND YIELDS

Iowa Lake Township

Year	No. Farms	Acreage. in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	78	18232	234	6834	37	4474	40	50	13	1136	32
1930	78	17758	228	6809	30	4739	39	90	10	733	30
1931	79	18231	231	7295	32	4898	30	45	9	873	26
1932	78	17872	229	7368	44	4899	39	-	-	1057	25
1933	79	17896	227	7244	44	5017	19	97	4	1086	14
1934	77	18026	234	5692	38	4805	21	19	6	639	18
1935	79	17983	228	6420	45	5438	44	4	15	830	30
1936	78	18012	231	6820	23	5507	35	5	10	444	21
1937	76	18033	237	7111	48	5341	50	23	18	228	38
1938	79	17957	227	6201	45	5132	39	8	18	342	27
10 Yr. Ave.	78	18000	230	6784	39	5025	36	34	9	737	25
Year	RYE		SOYBEANS		GRASS SEED			TAME HAY			
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres		
1929	312	18	-	-	-	-	-	217	854		
1930	296	20	-	-	-	-	-	239	849		
1931	210	14	4	10	-	-	10	259	642		
1932	187	10	14	15	-	-	-	296	634		
1933	171	10	5	12	-	-	-	303	723		
1934	73	13	6	15	-	-	-	280	1341		
1935	101	21	17	11	4	-	10	395	631		
1936	116	21	20	10	-	6	15	538	786		
1937	74	26	62	15	-	-	48	630	877		
1938	54	18	127	22	-	-	17	663	1042		
10 Yr. Ave.	159	16	26	18	.4	1	10	382	838		
Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres				
1929	122	2943	92	932	-	433	-				
1930	44	2821	82	989	25	276	5				
1931	171	2780	82	998	-	203	20				
1932	100	2340	162	806	25	252	28				
1933	43	2221	200	781	28	232	48				
1934	90	3142	680	817	-	181	541				
1935	83	2703	643	834	-	167	98				
1936	33	2500	452	831	6	206	271				
1937	94	2434	486	864	20	178	193				
1938	90	2471	512	827	20	163	951				
10 Yr. Ave.	87	2636	339	868	12	229	216				

10 Yr. Ave. Acres - Winter Wheat 9

Spring Wheat 3 Popcorn .4

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture

Division of Agricultural Statistics.

TABLE 11
LAND UTILIZATION AND YIELDS

Jack Creek Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	89	22151	249	8586	38	6642	40	-	-	1241	30
1930	91	21978	242	9250	21	6698	35	40	10	814	29
1931	92	21955	239	9574	30	6640	33	58	8	690	27
1932	93	21858	235	9251	32	6736	28	18	9	1152	15
1933	91	21568	237	9265	47	7419	19	162	1	587	14
1934	86	22717	264	7397	36	7210	20	-	-	443	15
1935	88	22559	256	7805	44	7772	40	9	25	792	26
1936	88	22523	256	8977	22	6337	33	9	9	359	20
1937	87	22310	256	8813	48	6236	52	-	-	258	35
1938	87	22773	262	7836	52	6520	34	-	-	221	23
10 Yr. Ave.	89	22239	249	8675	37	6821	33	30	5	656	23

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	448	22	-	-	-	-	-	202	531
1930	554	15	-	-	-	-	-	260	568
1931	338	13	-	-	-	-	-	365	487
1932	355	6	-	-	-	-	47	418	560
1933	209	10	-	-	-	-	-	409	612
1934	177	8	11	11	-	-	15	500	680
1935	203	13	41	12	-	-	-	561	801
1936	60	11	52	16	-	-	17	693	890
1937	60	19	108	18	-	-	20	922	1167
1938	31	12	241	22	-	-	10	917	1397
10 Yr. Ave.	244	14	45	19	-	-	11	525	769

Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Timber Only	Waste-land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	168	3013	11	1259	-	232	20
1930	150	2989	9	707	-	199	-
1931	195	2901	81	667	-	324	-
1932	141	2584	8	725	96	140	45
1933	121	2285	35	578	-	295	-
1934	162	2483	300	1152	8	420	2259
1935	78	2994	316	1182	-	453	113
1936	111	3035	76	1154	-	295	1151
1937	73	2807	75	1184	64	426	1019
1938	65	3239	150	1193	17	457	1396
10 Yr. Ave.	126	2833	106	980	18	324	600

10 Yr. Ave. Acres - Spring Wheat 1

Popcorn 0 Winter Wheat 9

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."

Source: Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 12
LAND UTILIZATION AND YIELDS

Lincoln Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	73	16969	232	6081	36	3871	40	55	16	1166	32
1930	75	17129	228	6051	32	4658	40	58	12	655	30
1931	76	17118	225	6645	37	4206	37	88	6	951	30
1932	69	16973	246	6554	42	4665	36	48	11	912	23
1933	76	17607	232	6680	44	4466	18	140	5	1216	11
1934	68	16931	249	5312	37	4896	20	68	2	530	21
1935	68	17051	251	5720	42	4844	44	20	18	1231	27
1936	69	17045	247	6384	26	4656	32	-	-	629	17
1937	66	17082	259	6726	48	4609	48	-	-	389	35
1938	67	17011	254	5684	47	4244	40	35	9	585	29
10 Yr. Ave.	71	17092	242	6184	39	4512	35	51	8	826	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Sweet Als. Clo. * Acres	Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	76	16	16	9	-	46	-	200	943
1930	73	12	-	-	-	-	-	228	1154
1931	25	17	-	-	-	-	-	265	606
1932	10	15	-	-	-	-	-	261	801
1933	40	9	-	-	-	-	-	223	609
1934	14	21	-	-	-	-	-	276	646
1935	16	21	-	-	11	-	-	297	545
1936	-	-	25	16	-	-	-	403	617
1937	2	14	128	21	-	-	-	530	670
1938	10	22	203	20	-	-	29	484	835
10 Yr. Ave.	27	14	37	20	1	5	3	317	743

Year	Wild Hay Acres	All Pasture. Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	422	2978	73	940	-	348	-
1930	179	3116	110	870	-	205	-
1931	151	3264	57	823	-	282	20
1932	90	2931	53	807	-	102	-
1933	137	3219	25	842	12	132	89
1934	141	3213	461	825	6	188	631
1935	151	3115	260	849	20	170	99
1936	146	3118	111	844	-	74	441
1937	150	2855	93	863	-	216	381
1938	100	3341	100	908	-	74	863
10 Yr. Ave.	167	3115	134	857	4	179	252

10 Yr. Ave. Acres - Winter Wheat 8 *Included in "All Tame Hay".
 Popcorn 0 Spring Wheat 2 Source: Iowa Department of Agriculture.
 (Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 13
LAND UTILIZATION AND YIELDS

Swan Lake Township

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	97	22261	229	7901	37	5308	39	8	8	1693	30
1930	94	21022	224	7995	30	5306	38	29	10	1141	30
1931	91	21507	236	8719	36	5458	37	35	6	935	30
1932	92	21593	235	8860	33	5008	26	50	8	1014	17
1933	89	22313	251	9091	48	6367	20	52	4	815	13
1934	89	21366	240	6693	38	5920	21	46	2	520	16
1935	88	20759	236	7005	44	6354	44	8	11	886	31
1936	88	20553	234	7977	29	5585	30	42	17	527	24
1937	87	21779	250	8392	46	6363	46	43	14	456	28
1938	89	22323	251	7565	52	5946	40	-	-	478	21
10 Yr. Ave.	90	21548	238	8020	39	5762	34	31	8	847	25

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	179	19	-	-	-	20	-	240	824
1930	325	16	-	-	-	-	-	324	846
1931	210	17	28	18	-	-	-	444	732
1932	76	6	-	-	2	-	-	439	711
1933	20	20	9	22	-	-	-	372	806
1934	22	17	-	-	-	-	-	474	785
1935	34	11	-	-	-	-	-	516	815
1936	81	18	-	-	-	14	-	652	830
1937	48	24	-	-	20	-	37	833	1095
1938	-	-	99	21	-	31	-	765	1232
10 Yr. Ave.	100	16	14	21	2	6	4	506	868

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Tim- ber only Acres	Waste- land Acres	Idle Crop Land Acres
1929	201	4177	379	1145	51	380	15
1930	164	3877	214	805	95	225	-
1931	74	3715	54	1198	40	208	101
1932	178	3290	89	1073	18	178	1046
1933	91	3452	201	1168	27	214	-
1934	120	3615	627	1018	36	324	1640
1935	103	3773	353	1074	35	230	89
1936	47	3543	164	971	132	104	550
1937	36	3467	274	1091	60	105	292
1938	70	3915	322	1382	53	100	1161
10 Yr. Ave.	108	3682	268	1092	55	207	489

10 Yr. Ave. Acres -- Winter Wheat 11

*Included in "All Tame Hay".

Popcorn 1 Spring Wheat 5 Source: Iowa Department of Agriculture.

(Acreages also shown in "All Other Crops") Division of Agricultural Statistics.

TABLE 14
LAND UTILIZATION AND YIELDS

Twelve Mile Lake Twp.

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	103	22460	218	7811	34	5518	37	66	10	1342	30
1930	111	21407	193	7517	23	5928	39	90	13	752	32
1931	111	21635	195	7799	33	5049	39	108	7	1456	32
1932	107	21700	203	7041	42	4742	35	50	10	1639	19
1933	110	21702	197	7757	45	5322	18	406	4	1590	14
1934	110	21671	197	6008	37	5375	16	44	9	1035	16
1935	106	21201	200	6682	40	5562	36	30	12	1366	26
1936	106	21985	207	7476	27	5097	27	150	10	796	20
1937	104	22167	213	7588	43	5616	48	-	-	468	36
1938	104	21068	211	6748	49	5589	32	36	14	342	31
10 Yr. Ave.	107	21790	203	7243	38	5380	33	98	8	1079	24

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	58	33	-	-	-	-	-	371	904
1930	29	22	6	10	-	-	-	462	1190
1931	48	18	-	-	-	-	-	518	1150
1932	48	9	6	15	1	20	-	554	1095
1933	37	17	-	-	-	-	-	516	1079
1934	44	14	-	-	-	-	4	538	2676
1935	46	16	28	13	-	20	53	755	1152
1936	77	9	7	21	-	-	59	788	1334
1937	59	18	89	15	-	-	49	947	1286
1938	45	23	103	18	9	23	25	907	1376
10 Yr. Ave.	49	18	24	16	1	6	19	636	1324

Year	Wild Hay Acres	All Pasture Acres	All Other Crops Acres	Bldgs., Feed Lots, Highways Acres	Wood Lots for Timber only Acres	Waste-land Acres	Idle Crop Land Acres
1929	580	4957	-	1224	-	-	-
1930	394	4749	57	599	23	73	-
1931	168	5187	38	609	-	8	15
1932	247	5382	331	1108	10	-	-
1933	227	4144	36	1037	-	17	-
1934	197	4703	56	1097	-	27	405
1935	299	4618	156	1167	15	27	-
1936	251	4895	133	1141	-	63	506
1937	213	5019	212	1134	15	59	360
1938	135	5159	402	1138	-	36	825
10 Yr. Ave.	271	4881	147	1025	6	31	211

10 Yr. Ave. Acres - Winter Wheat 40

Spring Wheat 9

Popcorn 4

(Acreages also shown in "All Other Crops")

*Included in "All Tame Hay".

Source: Iowa Department of Agriculture
Division of Agricultural Statistics.

TABLE 15
LAND UTILIZATION AND YIELDS

Total Incorporated Town Data - Armstrong, Dolliver, Estherville, Gruver, Ringsted, Wellingford

Year	No. Farms	Acreage in Farms	Ave. Farm Size	CORN		OATS		FLAXSEED		BARLEY	
				Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.	Acres	Ave. Yld.
1929	48	2454	51	759	39	395	43	-	-	87	44
1930	52	2486	48	805	27	425	38	-	-	109	34
1931	54	2742	51	873	35	374	38	-	-	35	30
1932	33	2211	67	729	32	295	29	35	2	65	7
1933	36	2205	61	641	48	191	20	38	.5	19	5
1934	68	2440	36	652	34	278	24	-	-	76	10
1935	70	2519	36	779	43	327	39	8	10	167	29
1936	66	2497	38	831	24	274	31	4	8	24	16
1937	61	2554	42	938	49	313	52	-	-	18	34
1938	61	2632	43	767	52	387	34	-	-	22	20
10 Yr. Ave.	55	2474	45	777	38	326	36	8	2	62	26

Year	RYE		SOYBEANS		GRASS SEED			TAME HAY	
	Acres	Ave. Yld.	Acres	Ave. Yld.	Timothy Acres	Red & Als. Clo. Acres*	Sweet Clover Acres	Alfalfa Acres*	All Tame Hay Acres
1929	6	23	3	8	-	-	-	147	187
1930	-	-	-	-	-	-	-	144	180
1931	-	-	-	-	-	-	-	135	171
1932	-	-	-	-	-	-	-	86	117
1933	30	12	-	-	-	-	-	153	205
1934	-	-	-	-	-	-	-	142	205
1935	2	12	-	-	2	-	-	115	168
1936	-	-	-	-	4	10	12	168	230
1937	-	-	7	18	1	-	-	149	185
1938	-	-	1	30	-	-	2	144	253
10 Yr. Ave.	4	14	1	17	1	1	1	138	190

Year	Wild Hay	All Pasture	All Other Crops	Bldgs., Feed Lots, Highways	Wood Lots for Timber Only	Waste-land	Idle Crop Land
	Acres	Acres	Acres	Acres	Acres	Acres	Acres
1929	17	665	22	203	104	-	6
1930	10	609	25	193	110	2	18
1931	-	785	51	242	170	17	24
1932	-	324	-	467	13	13	153
1933	-	575	26	189	142	112	37
1934	6	610	117	230	112	42	112
1935	8	705	37	218	64	34	-
1936	-	831	61	205	12	-	9
1937	8	817	36	189	2	40	-
1938	8	856	47	197	65	27	-
10 Yr. Ave.	6	678	42	233	79	29	36

10 Yr. Ave. Acres - Spring Wheat 3

Popcorn 1 Winter Wheat 1 Source:

(Acreages also shown in "All Other Crops.")

*Included in "All Tame Hay."

Iowa Department of Agriculture.

Division of Agricultural Statistics.

TABLE 16
COUNTY LIVESTOCK NUMBERS
January 1

Year	All Cattle*	Milk Cows	Horses	Mules	Sheep	Hogs
1870	2,432	813	431	19	-	664
1880	4,657	1,595	966	7	1,659	2,024
1890	12,290	3,377	2,620	70	2,407	9,802
1900	27,203	7,644	7,020	190	4,427	21,851
1910	25,789	8,187	7,541	112	4,071	19,409
1920	31,332	7,882	9,345	295	2,580	48,369
1925	27,574	9,915	8,309	552	2,441	49,498
1930	23,828	10,686	7,481	554	4,131	54,160
1935	34,679	11,554	6,610	431	15,327	40,473
1936	32,804	11,260	6,249	447	7,083	45,309
1937	29,027	10,837	6,222	364	9,756	39,787
1938	30,621	10,640	5,790	353	8,401	47,167
1939	30,380	10,620	5,537	357	9,931	50,107

The figures in this table for the years 1870-1935 inclusive have been derived from the Federal Censuses for Iowa. These enumerations have been made as of different dates. Some enumerations were for a base date of January 1, others for a base date of April 1, and others for June 1.

The census enumerations made in 1920, 1925 and 1935 were for January 1. For comparability the enumerations made for the base dates of April 1 and June 1 were adjusted to an equivalent January 1 base. This adjustment procedure places the livestock data of the above table on the one inventory date of January 1.

The figures for 1936, 1937, 1938 and 1939 for all cattle and milk cows are estimates of the Division of Agricultural Statistics of the Iowa Department of Agriculture and those for horses, mules, hogs and sheep are adjusted State farm assessors' figures.

The adjusted county figures for horses, mules, hogs and sheep for the last four years in the table are more nearly accurate than those in Table 17 and comparison with these figures will provide an estimate of the bias displayed by the unadjusted State farm assessors' figures.

*Includes Milk Cows.

TABLE 17
LIVESTOCK NUMBERS
By Townships

Township	1936					1937				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Armstrong Grove	519	35	2371	519	3728	460	26	2174	303	2840
Center	602	31	3182	580	3730	596	34	2811	915	3423
Denmark	566	47	3482	275	3402	556	40	3177	547	3118
Ellsworth	529	18	1977	283	2847	507	12	1858	-	405
Emmet	431	10	1942	340	2393	444	9	2275	320	2046
Estherville	314	22	1311	179	1669	453	36	1922	799	1809
High Lake	493	41	2636	754	2674	499	35	2250	907	2280
Iowa Lake	467	22	2183	662	3227	431	13	2172	729	3157
Jack Creek	475	40	2620	404	3111	440	28	2504	331	2201
Lincoln	372	19	2092	104	2406	331	14	2050	350	2662
Swan Lake	439	33	2720	306	2331	393	22	2314	586	2521
Twelve Mile Lake	498	42	2743	158	3175	498	28	2696	540	2761
ALL TOWNS	93	7	424	37	581	60	5	192	57	431
COUNTY	5798	367	29683	4601	35274	5668	302	28395	6384	29654

Township	1938					1939				
	Horses	Mules	Cattle	Sheep	Hogs	Horses	Mules	Cattle	Sheep	Hogs
Armstrong Grove	408	45	2259	442	3045	415	40	2145	454	3382
Center	582	17	3060	594	3726	556	24	2767	715	4267
Denmark	464	40	3215	440	3551	417	40	3280	524	4025
Ellsworth	494	17	2007	276	2935	502	12	1850	506	3588
Emmet	414	15	2039	464	2458	401	13	1890	1397	2972
Estherville	404	25	1481	660	1566	372	21	1389	201	2264
High Lake	451	36	2117	615	2459	418	39	2298	848	2716
Iowa Lake	413	12	2115	612	3224	411	9	1926	673	3445
Jack Creek	420	30	2652	374	2680	376	24	2513	394	3075
Lincoln	324	8	2005	129	2647	317	4	1841	190	2658
Swan Lake	395	14	2214	609	2641	390	30	2291	460	3450
Twelve Mile Lake	466	30	2580	532	3041	453	35	2498	641	3387
ALL TOWNS	87	11	350	89	324	82	14	396	136	664
COUNTY	5322	300	28094	5836	34297	5110	305	27084	7139	39893

The statistics in this table are biased downward. They are printed only to permit inter-township and inter-annual comparisons. Unless townships are equal in size, comparisons may not be directly made. It is assumed that individual assessors are subject to approximately the same bias. Compare Table 16 for magnitude of the bias.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 18
CREAMERY STATISTICS
1905-1939

Year	Number of Creameries In County	Butter Made	Butter Sold In Iowa	Butter Sold Out of Iowa
		Thousand Pounds	Thousand Pounds	Thousand Pounds
1905	7	431	33	398
1906	8	596	44	*
1907	7	577	48	*
1908	6	562	42	*
1909	3	480	53	*
1910	4	416	45	*
1911	5	639	82	*
1912	5	566	62	503
1913	5	560	72	488
1914	5	471	48	422
1915	2	325	47	278
1916	3	339	40	299
1917	2	427	54	373
1918	2	341	36	338
1919	2	367	40	191
1920	2	301	56	245
1921	3	291	64	228
1922	4	463	124	339
1923	3	513	115	397
1924	3	539	134	404
1925	3	573	123	550
1926	4	788	143	645
1927	4	850	157	681
1928	4	914	484	427
1929	4	1046	497	547
1930	4	1173	313	846
1931	5	1462	853	596
1932	5	1618	1214	403
1933	5	1687	1233	443
1934	5	1475	1096	369
1935	6	1933	1169	762
1936	6	1964	1118	871
1937	6	1944	1164	779
1938	6	2335	1311	1012
1939	*	*	*	*

The sum of the two columns "Butter Sold In Iowa" and "Butter Sold Out of Iowa" is not intended to equal the second column "Butter Made", because stocks of butter on hand at the end of the year and butter used for miscellaneous purposes are not included in this table.

* Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 19
CHICKENS AND EGGS
1880-1935

Year	Chickens	Eggs Produced
	Number	Dozen
1880	5,948	14,706
1885	10,022	21,541
1890	26,627	82,107
1895	46,013	149,061
1900	79,199	374,280
1905	106,758	362,174
1910	111,210	398,468
1915	140,772	547,880
1920	138,873	622,152
1925	166,691	800,117
1930	188,045	1,013,452
1935	178,687	869,944

Source: U.S. Agricultural Census.
Iowa Agricultural Census.

TABLE 20
NUMBER OF FARMS REPORTING SPECIFIED ITEMS

Year	Number of Farms	GRAIN CROPS								
		Corn	Oats	Winter Wheat	Spring Wheat	Barley	Rye	Buck-wheat	Soy-beans	Flax-seed
1930	1268	1218	1158	9	14	542	104	0	7	81
1932	1227	1173	1038	18	5	458	53	3	10	54
1934	1281	1233	1127	11	8	343	24	4	17	31
1936	1270	1229	1153	13	8	274	31	1/	14	18
1938	1254	1225	1167	15	11	178	26	1/	101	20
Average	1260	1216	1129	13	9	359	48	2	30	41
Year	Pop-corn	Clover and Timothy	Alfalfa	Soy-bean	Grain Cut Green	Clover	Timothy	Sudan Grass	Other Tame Hay	Wild Hay
1930	3	240	607	21	1/	27	142	19	55	122
1932	0	120	721	33	24	24	109	48	59	120
1934	0	55	702	187	100	35	46	250	408	148
1936	13	170	829	92	62	1/	1/	1/	66	102
1938	2	193	881	318	26	1/	1/	1/	70	105
Average	2	156	748	130	53	29	99	106	132	119
Year	GRASS SEED			All Pasture	LIVESTOCK					
	Timothy	Red & Alsike Clover	Sweet Clover		Horses	Mules	Cattle	Sheep	Hogs	Sows for Spring Farrow
1930	1	1	0	1195	1/	1/	1/	1/	1/	1026
1932	2	4	4	1106	1/	1/	1/	1/	1/	930
1934	1	1	3	1213	1/	1/	1/	1/	1/	926
1936	1	7	11	1153	1087	115	1121	215	1044	942
1938	2	10	23	1155	1094	118	1147	238	1060	992
Average	1	5	8	1164	1090	116	1134	226	1052	963
Year	EQUIPMENT				MISCELLANEOUS					Other Crops
	Tractors	Trucks	Autos	Radios	Potatoes	Apples	Timber and Wood	Waste-land	Idle Crop Land	
1930	470	237	1112	648	251	0	45	181	4	17
1932	367	185	1015	342	270	15	40	160	85	6
1934	450	183	1134	656	323	3	35	215	656	240
1936	642	179	1089	910	128	3	14	162	300	220
1938	819	207	1111	1009	1/	1/	16	205	388	312
Average	550	198	1092	713	243	5	30	185	287	159

1/ Not given in source.

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 21
FARM AND LAND TENURE

Year	OWNERS				PART-OWNERS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	387	30.5	59,010	24.1	99	7.8	24,505	10.0
1930	413	32.5	63,318	25.8	86	6.8	22,158	9.0
1932	345	28.2	58,157	23.7	84	6.8	21,722	8.8
1934	310	24.2	46,194	18.6	95	7.4	23,288	9.4
1936	354	27.9	54,904	22.4	74	5.8	18,637	7.6
1938	371	29.6	59,454	24.0	72	5.7	19,643	7.9
1928-38 Average	363	28.8	56,839	23.1	85	6.7	21,659	8.8

Year	TENANTS				TOTALS			
	No. of Farms	% of Total	No. of Farm Acres	% of Total	No. of Farms	% of Total	No. of Farm Acres	% of Total
1928	784	61.7	161,229	65.9	1,270	100	244,744	100
1930	773	60.7	159,874	65.2	1,272	100	245,350	100
1932	798	65.0	165,880	67.5	1,227	100	245,759	100
1934	876	68.4	178,640	72.0	1,281	100	248,122	100
1936	842	66.3	171,020	70.0	1,270	100	244,561	100
1938	811	64.7	168,465	68.1	1,254	100	247,562	100
1928-38 Average	814	64.5	167,518	68.1	1,262	100	246,016	100

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 22
YEARS OF TENURE
January 1, 1935

Owners	Emmet County		State of Iowa	
	Number of Farms	Percent of County Total	Number of Farms	Percent of State Total
On present farm less than 1 year	18	5.1	4,442	5.2
1 year	18	5.1	3,198	3.8
2 years	19	5.4	3,282	3.8
3 years	7	2.0	2,857	3.4
4 years	15	4.2	3,228	3.8
5-9 years	61	17.2	11,726	13.8
10-14 years	45	12.7	11,279	13.2
15 years and over	171	48.3	45,076	53.0
TOTALS	354	100.0	85,088	100.0
Tenants				
On present farm less than 1 year	149	18.6	21,763	20.1
1 year	122	15.3	15,053	13.9
2 years	80	10.0	11,555	10.7
3 years	59	7.4	8,285	7.7
4 years	65	8.1	7,564	7.0
5 years and over	324	40.6	43,826	40.6
TOTALS	799	100.0	108,046	100.0

Source: U. S. Agricultural Census.

TABLE 23
FREQUENCY DISTRIBUTION OF FARMS BY SIZE CLASSES

Acres in Farms	Number of Farms											
	1928		1930		1932		1934		1936		1938	
	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total	No. of Farms	% of Total
0-9	29	2.28	22	1.73	9	.73	31	2.42	19	1.50	16	1.28
10-29	39	3.07	26	2.04	10	.82	30	2.34	26	2.05	29	2.31
30-49	31	2.44	26	2.04	27	2.20	26	2.03	38	2.99	25	1.99
50-69	16	1.26	15	1.18	13	1.06	15	1.17	20	1.57	16	1.28
70-109	143	11.26	160	12.58	157	12.80	167	13.04	172	13.54	156	12.44
110-149	129	10.16	130	10.22	137	11.17	146	11.40	127	10.00	144	11.48
150-189	409	32.20	407	32.00	407	33.17	404	31.54	417	32.83	411	32.77
190-229	77	6.06	89	7.00	74	6.03	83	6.48	83	6.53	78	6.22
230-269	113	8.90	121	9.51	114	9.29	104	8.12	103	8.11	103	8.21
270-309	63	4.96	65	5.11	70	5.70	62	4.84	54	4.25	52	4.15
310-349	143	11.26	133	10.45	130	10.60	132	10.30	136	10.71	148	11.80
350-389	15	1.18	23	1.81	14	1.14	13	1.02	14	1.10	15	1.20
390-429	18	1.42	16	1.26	23	1.87	27	2.11	24	1.89	22	1.75
430-469	9	.71	7	.55	8	.65	8	.62	4	.32	8	.64
470-509	10	.79	13	1.02	12	.98	12	.94	13	1.02	12	.96
510-549	6	.47	2	.16	3	.24	4	.31	3	.24	3	.24
550-589	4	.31	3	.24	3	.24	4	.31	3	.24	1	.08
590-629	3	.24	3	.24	4	.33	3	.23	4	.32	2	.16
630-669	8	.63	5	.39	4	.33	7	.55	6	.47	8	.64
670-709	2	.16	0	0	1	.08	0	0	0	0	0	0
710-over	3	.24	6	.47	7	.57	3	.23	4	.32	5	.40
Total Farms	1270	100.00	1272	100.00	1227	100.00	1281	100.00	1270	100.00	1254	100.00

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 24
AUTOS, TRUCKS, TRACTORS AND RADIOS
1926-1939

Year	Automobiles	Trucks	Tractors	Radios
1926	1,271	104	265	211
1927	1,289	163	339	316
1928	1,306	188	367	399
1929	1,319	198	358	521
1930	1,302	226	430	642
1931	1,338	240	485	648
1932	1,267	215	431	620
1933	1,169	196	404	370
1934	1,210	192	421	483
1935	1,240	187	466	647
1936	1,239	179	597	796
1937	1,229	181	690	909
1938	1,236	194	831	984
1939	1,248	210	900	1,015

Source: Division of Agricultural Statistics,
Iowa Department of Agriculture.

TABLE 25
ACREAGE OWNED BY CORPORATIONS
January 1, 1937

Township	Insurance Companies	Banks	Land & Mort- gage Com- panies	Fed- eral Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Denmark	2715	-	-	191	-	-	2906	12.91
Jack Creek	5475	154	312	-	543	160	6644	29.10
High Lake	2260	240	240	-	-	-	2740	12.99
Twelve Mile Lake	4626	1066	1111	156	160	39	7158	32.37
Armstrong Grove	4209	-	360	-	158	439	5166	23.14
Swan Lake	6309	-	-	-	-	37	6346	27.64
Center	3754	-	-	152	-	560	4466	19.44
Estherville	4247	501	-	228	-	38	5014	23.23
Iowa Lake	2750	156	320	-	312	-	3538	18.88
Lincoln	2732	-	320	-	-	800	3852	23.97
Ellsworth	3107	-	400	-	-	-	3507	19.58
Emmet	3072	277	306	-	-	-	3655	21.69
County Total	45256	2394	3369	727	1173	2073	54992	22.18

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 26
ACREAGE OWNED BY CORPORATIONS
January 1, 1939

Township	Insurance Companies	Banks	Land & Mort- gage Companies	Federal Land Banks	Joint Stock Land Banks	Others	Total	% Farm Land Corpo- rate Owned
Denmark	2946	-	-	191	-	-	3137	13.93
Jack Creek	5572	154	312	-	543	160	6741	29.52
High Lake	1461	-	-	-	-	-	1461	6.93
Twelve Mile Lake	3587	1066	1111	156	160	39	6119	27.68
Armstrong Grove	4758	-	200	-	-	439	5397	24.18
Swan Lake	6068	-	-	-	156	37	6261	27.27
Center	4113	240	-	152	-	320	4825	21.00
Estherville	4675	287	-	228	392	232	5814	26.94
Iowa Lake	2781	-	558	-	-	-	3339	17.82
Lincoln	2572	-	320	-	-	640	3532	21.98
Ellsworth	3021	-	-	-	-	78	3099	17.31
Emmet	3734	277	-	-	-	-	4011	23.80
County Total	45288	2024	2501	727	1251	1945	53736	21.67

Source: Department of Economics & Sociology,
Iowa State College.

TABLE 27
VALUE OF FARM LAND AND BUILDINGS
1880-1935

Year	Number of Farms*	Number of Acres*	Value of Land	Value of Buildings	Value of Land and Buildings	Value of Land & Bldgs.	
						Per Acre	Per Farm
1880	230	30,907	\$ -	\$ -	\$ 366,025	\$ 11.84	\$ 1,591
1890	490	92,437	-	-	1,598,770	17.30	3,263
1900	1,056	236,580	6,859,570	979,200	7,838,770	35.13	7,425
1910	1,047	224,054	13,483,222	1,923,274	15,406,496	68.76	14,715
1920	1,193	232,053	46,410,900	5,667,656	52,078,556	224.43	43,653
1925	1,279	237,453	27,443,484	5,952,931	33,396,415	140.64	26,111
1930	1,285	247,952	21,486,077	5,799,665	27,285,742	110.04	21,234
1935	1,315	245,861	-	-	17,583,131	71.52	13,371

* Differences in numbers of farms and acres reported in this table and in other tables in this bulletin are due to differences in sources of data.

Source: U. S. Agricultural Census.

TABLE 28
REAL PROPERTY AND MONEYS AND CREDITS TAXES
COLLECTIBLE IN 1939, FOR ALL PURPOSES
(Exclusive of Special Assessments)

	Cities and Towns	Rural Districts	Total for County
General State Tax	\$ 7,658.77	\$ 27,031.08	\$ 34,689.85
Soldiers' Bonus Tax	2,212.90	4,758.29	6,971.19
General County Tax	5,744.07	20,273.31	26,017.38
Court Expense Tax	1,493.42	5,271.04	6,764.46
Poor Tax	5,744.08	20,273.33	26,017.41
Insane Tax, State Hospital	1,493.43	5,271.05	6,764.48
Insane Tax, County Hospital	-	-	-
County School Tax	957.31	3,378.93	4,336.24
Soldiers' Relief Tax	421.26	1,486.71	1,907.97
General County Bond Tax	9,803.27	34,599.78	44,403.05
Court House Tax	-	-	-
Emergency Tax	3,829.42	13,515.55	17,344.97
Bovine Tuberculosis Eradication	-	-	-
Secondary Roads - Construction	1,914.68	15,137.40	17,052.08
Secondary Roads - Maintenance	7,160.92	25,274.07	32,434.99
District School Tax	100,615.68	157,976.91	258,592.59
City Tax	28,528.78	-	28,528.78
Miscellaneous Taxes	-	-	-
Total	177,578.01	334,247.43	511,825.44*

*Includes special one mill tax on moneys and credits for Soldiers' Bonus Bonds.

Source: 1939 Report,
State Board of Assessment and Review.

TABLE 29
NUMBER OF SCHOOLS BY TYPE

Type of School	Number of Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	2	1	2
2. One-room rural elementary	57	52	40
3. Two-room (or more) rural elementary	-	-	1
4. Elementary, not rural	12	13	17
5. Separately organized Jr. High	3	2	2
6. Jr.-Sr. High, one organization	-	1	3
7. Separately organized Sr. High	-	1	-
8. Regular High, 4 years or less	9	7	5
9. Junior College	1	1	1
Total Number of Schools	84	78	71

TABLE 30
ENROLLMENT IN SCHOOLS BY TYPE

Type of School	Enrollment in Schools		
	1928-29	1933-34	1938-39
1. Kindergarten	58	20	42
2. One-room rural elementary	823	652	541
3. Two-room (or more) rural elementary	62	-	33
4. Elementary, not rural	1366	1465	1227
5. *Jr.-Sr. High, one organization	339	515	462
6. Regular High, 4 years or less	751	659	723
7. Junior College	-	70	94
Total Enrollment in all Schools	3399	3381	3122

* Includes enrollment for School Types 5, 6 and 7 in Table 29.

Source: Annual Reports of County Superintendents to
State Department of Public Instruction.

TABLE 31
MILES OF ROADS BY TYPE
January 1, 1939

Type of Surface	Primary Roads Outside Corporations	Secondary Roads		Total Mileage in Road System
		County Trunk	Local County	
Earth				
Unimproved	-	-	171.30	171.30
Improved	7.0	-	13.50	20.50
Surfaced				
Soil Surfaced	-	-	-	-
Shale	-	-	-	-
Gravel	11.8	-	420.65	432.45
Stone	-	56.77	-	56.77
Paved				
Bituminous	7.0	-	-	7.00
Concrete	30.3	-	-	30.30
Brick	-	-	-	-
County Total	56.1	56.77	605.45	718.32

Source: Annual Report, 1938,
Iowa Highway Commission.